Garrett County, Maryland Table Jlb.--Physical Properties of the Soils

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Print date: 08/16/2002

Map symbol	 Depth	Sand	 Silt	 Clay		Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind erodi-	Wind erodi-
and soil name	 	 	 	j 	bulk density	bility (Ksat)	water capacity		matter 	Kw	 Kf		bility group	bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
AbB: Albrights	0-8 8-21 21-60	 	 	18-35	 1.20-1.40 1.30-1.50 1.40-1.70	0.6-2	0.16-0.20 0.10-0.14 0.04-0.08	0.0-2.9	i	 .32 .28 .28	.43 .43 .37 .37	 4 	 	 48
AbC2: Albrights	0-8 8-21 21-60	 	 	18-35	 1.20-1.40 1.30-1.50 1.40-1.70	0.6-2	 0.16-0.20 0.10-0.14 0.04-0.08	0.0-2.9	1.0-4.0	 .32 .28 .28	 .43 .37 .37	 4 	 	 48
AgC: Albrights	0-8 8-21 21-60	 	 	18-35	 1.20-1.40 1.30-1.50 1.40-1.70	0.6-2	0.14-0.18 0.10-0.14 0.04-0.08	0.0-2.9	 	 .24 .28 .28	 .43 .37 .37	 4 	 	0
AhB: Allegheny	0-9 9-40 40-65	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.40	0.6-2	 0.12-0.16 0.13-0.18 0.08-0.17	0.0-2.9	1.0-4.0	 .28 .28 .28	.28 .28 .28	 5 	 	 86
An: Alluvial Land	0-6 6-42 42-60	 	 	5-20	 1.00-1.40 1.00-1.45 1.20-1.40	0.6-6	 0.12-0.17 0.06-0.12 0.08-0.14	0.0-2.9	i	 .37 .37 .32	 .37 .43 .32	 5 	 	 56
Ao: Alluvial Land	0-6 6-42 42-60	 	 	5-20	 1.00-1.40 1.00-1.45 1.20-1.40	0.6-6	0.12-0.17 0.06-0.12 0.08-0.14	0.0-2.9	1.0-3.0	 .37 .37 .32	 .37 .43 .32	 5 	 	 56
Ar: Armagh	0-10 10-41 41-60	 	 	35-55	 1.20-1.40 1.30-1.60 1.20-1.60	0.06-0.2	 0.18-0.22 0.10-0.14 0.08-0.12	3.0-5.9	1.0-4.0	 .24 .24 .24	.24 .24 .24 .32	 4 	 	 56
At: Atkins	 0-10 10-34 34-60	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50	0.06-2	 0.14-0.22 0.14-0.18 0.08-0.18	0.0-2.9	2.0-4.0	 .32 .32 .28	 .32 .32 .32	 5 	 	

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clav	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind erodi-	Wind erodi-
and soil name			 	 	bulk density	bility (Ksat)		extensi-	matter	Kw	 Kf		bility group	bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct			i		İ
BrA: Andover	0-7 7-18 18-48 48-60	 	 	18-35 18-35	 1.20-1.40 1.20-1.40 1.30-1.60 1.40-1.70	0.6-2 0.06-0.2	 0.10-0.20 0.08-0.12 0.06-0.10 0.08-0.12	0.0-2.9	1.0-4.0	.28 .17 .17 .17	.28 .20 .20 .20	 3 	 	 56
Brinkerton	0-8 8-21 21-42 42-60		 	15-35 15-35	 1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.55	0.6-2 0.06-0.2	0.18-0.24 0.14-0.18 0.08-0.12 0.14-0.18	3.0-5.9	1.0-4.0	.32 .37 .32 .20	.32 .37 .37 .37	 4 	 	56
BrB: Andover	0-7 7-18 18-48 48-60	 	 	18-35 18-35	 1.20-1.40 1.20-1.40 1.30-1.60 1.40-1.70	0.6-2 0.06-0.2	 0.10-0.20 0.08-0.12 0.06-0.10 0.08-0.12	0.0-2.9	1.0-4.0	.28 .17 .17 .17	.28 .20 .20 .20	 3 	 	 56
Brinkerton	0-8 8-21 21-42 42-60		 	15-35 15-35	1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.55	0.6-2 0.06-0.2	0.18-0.24 0.14-0.18 0.08-0.12 0.14-0.18	3.0-5.9	1.0-4.0	.32 .37 .32 .20	.32 .37 .37 .37	 4 	 	56
BsC: Andover	0-7 7-18 18-48 48-60	 	 	18-35 18-35	 1.20-1.40 1.20-1.40 1.30-1.60 1.40-1.70	0.6-2 0.06-0.2	 0.08-0.20 0.08-0.12 0.06-0.10 0.08-0.12	0.0-2.9	1.0-4.0	 .17 .17 .17 .17	.28 .20 .20 .20	 3 	 	0
Brinkerton	0-8 8-21 21-42 42-60	 	 	15-35 15-35	 1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.55	0.6-2 0.06-0.2	0.18-0.24 0.14-0.18 0.08-0.12 0.14-0.18	3.0-5.9 3.0-5.9	 	.24 .37 .32 .20	 .32 .37 .37 .28	 4 	 	0
CaC2: Calvin	0-8 8-27 27-34 34-38	 	 	15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6	 0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	0.5-2.0	.20 .20 .20 .20	.24 .24 .28 	 3 	 	 48
Gilpin	 0-8 8-24 24-30 30-34	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50	0.6-2	 0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24 .24	 .32 .28 .32 	 3 	 	 48

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clay	 Moist	Permea-	 Available		 Organic	Erosi	on fac			erodi-
and soil name	 	 	 	 	bulk density 	bility (Ksat)	water capacity	extensi- bility	matter 	 Kw	 Kf 		bility group 	
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					<u> </u>
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	1.20-1.40 1.30-1.50 1.30-1.50 	0.6-2 0.6-2 0.6-2	0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9	1.0-2.0	.24 .17 .17	.32 .20 .24 	 4 	 	48
CaD2: Calvin	0-8 8-27 27-34 34-38	 	 	15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9 0.0-2.9	0.5-2.0	.20 .20 .20 .20	.24 .24 .28 	 3 	 	 48
Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2 0.6-2	0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24	.32 .28 .32 	 3 	 	 48
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	1.20-1.40 1.30-1.50 1.30-1.50 	0.6-2 0.6-2 0.6-2	0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9		.24 .17 .17	.32 .20 .24 	 4 	 	 48
CaD3: Calvin	0-8 8-27 27-34 34-38	 	 	15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6	0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9 0.0-2.9	0.5-2.0	.20 .20 .20 .20	 .24 .24 .28 	 2 1	 	 48
Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2 0.6-2	0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24 .24	.32 .28 .32 	 2 	 	 48
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	 1.20-1.40 1.30-1.50 1.30-1.50 	0.6-2	0.10-0.16 0.10-0.14 0.06-0.12 	0.0-2.9	i	.24 .17 .17	.32 .20 .24 	 4 	 	 48
ClE: Calvin	0-8 8-27 27-34 34-38	 	 	15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9 0.0-2.9	0.5-2.0	.20 .20 .20 .20	.24 .24 .28 	 3 	 	 48
Lehew	 0-6 6-20 20-32 32-36	 	 	5-18 5-18	 1.20-1.40 1.20-1.40 1.20-1.40 	2-20 2-20 2-20 	 0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	 	.17 .17 .17 .17	 .24 .24 .24	 2 	 	

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clav	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind erodi-	
and soil name	 			 	bulk density	bility (Ksat)	water capacity	extensi-	matter	Kw	 Kf		bility group	bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct		 	i		
CnC2: Calvin	0-8 8-27 27-34 34-38	 	 	15-30 15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	 0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	 0.5-2.0 	 .20 .20 .20	 .24 .24 .28 	 3 1	 	 48
Lehew	0-6 6-20 20-32 32-36		 	5-18	 1.20-1.40 1.20-1.40 1.20-1.40 	2-20 2-20 2-20 	0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	i	.17 .17 .17 	.24 .24 .24 .24	2	 	
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	 1.20-1.40 1.30-1.50 1.30-1.50 		0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9	i	.24 .17 .17 	.32 .20 .24 	4	 	 48
CnD2: Calvin	0-8 8-27 27-34 34-38	i	 	15-30 15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	 0.5-2.0 	.20 .20 .20 .20	 .24 .24 .28 	 3 1 	 	 48
Lehew	0-6 6-20 20-32 32-36	 	 	5-18 5-18	 1.20-1.40 1.20-1.40 1.20-1.40	2-20 2-20 2-20 	0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	1.0-4.0	.17 .17 .17 .17	.24 .24 .24 .24	2	 	
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	 1.20-1.40 1.30-1.50 1.30-1.50 	0.6-2 0.6-2 0.6-2	0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9	i	.24 .17 .17 	.32 .20 .24 	4	 	 48
CnD3: Calvin	0-8 8-27 27-34 34-38	 	 	15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	 0.5-2.0 	.20 .20 .20 .20	 .24 .24 .28 	 2 1 1	 	 48
Lehew	 0-6 6-20 20-32 32-36	 	 	5-18 5-18	 1.20-1.40 1.20-1.40 1.20-1.40	2-20 2-20 2-20 	 0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	i	.17 .17 .17 .17	 .24 .24 .24	 2 	 	

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clav		Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind	Wind erodi-
and soil name	Bepen 			Clay 	bulk density	bility (Ksat)	water capacity	extensi-	matter	Kw	 Kf			bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct			<u> </u>		
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	1.20-1.40 1.30-1.50 1.30-1.50 	0.6-2	0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9	i	.24 .17 .17 	.32 .20 .24	4 	 	48
CoB: Cavode	0-10 10-30 30-57 57-61	 	 	35-45	 1.20-1.40 1.20-1.50 1.20-1.50 	0.06-0.2	 0.18-0.22 0.10-0.14 0.08-0.12 	3.0-5.9		 .37 .24 .24	 .37 .24 .28 	 4 	 	 56
CoC2: Cavode	0-10 10-30 30-57 57-61	 	 	35-45	 1.20-1.40 1.20-1.50 1.20-1.50 	0.06-0.2	 0.18-0.22 0.10-0.14 0.08-0.12 	3.0-5.9	i	 .37 .24 .24	 .37 .24 .28 	 4 	 	 56
CrB: Clymer	0-8 8-36 36-50 50-54	 	 	18-30	 1.20-1.40 1.20-1.50 1.20-1.40 	0.6-2	 0.10-0.14 0.08-0.14 0.04-0.08 	0.0-2.9	1.0-4.0	.20 .15 .15	 .24 .17 .20 	 3 	 	 48
CtB: Cookport	0-12 12-20 20-38 38-42 42-46	 	 	18-35 18-35	 1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.50 	0.6-2 0.06-0.2	 0.12-0.16 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9	i I	.24 .24 .24 .24 .24	 .32 .28 .28 .28	 3 	 	
CtC2: Cookport	0-12 12-20 20-38 38-42 42-46	 	 	18-35 18-35	 1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.50	0.6-2 0.06-0.2	 0.12-0.16 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9	i I	.24 .24 .24 .24	 .32 .28 .28 .28	 3 	 	
CuB: Cookport	0-12 12-20 20-38 38-42 42-46	 	 	18-35 18-35	 1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.50	0.6-2 0.06-0.2	0.12-0.16 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9	 	.24 .24 .24 .24	 .32 .28 .28 .28 .28	 3 	 	

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	Depth	 Sand	 Silt	 Clav	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac		erodi-	Wind erodi-
and soil name		 	 	i 	bulk density	bility (Ksat)	water capacity	extensi- bility	matter	Kw	 Kf	 T	bility group	bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct			į —		
Ernest	0-7 7-27 27-47 47-60	 	 	20-35	1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.06-0.6	0.12-0.18 0.12-0.16 0.08-0.12 0.08-0.12	3.0-5.9	 	.32 .32 .32 .32	.43 .32 .37 .37	4 1 		
CuD: Cookport	0-12 12-20 20-38 38-42 42-46	 	 	18-35 18-35	 1.20-1.40 1.20-1.50 1.40-1.70 1.20-1.50 	0.6-2 0.06-0.2	 0.12-0.16 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9	 	.24 .24 .24 .24	.28	 3 	 	
Ernest	0-7 7-27 27-47 47-60	 	 	20-35	 1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.06-0.6	0.12-0.18 0.12-0.16 0.08-0.12 0.08-0.12	3.0-5.9	 	.32 .32 .32 .32	.43 .32 .37 .37	 4 	 	
Cv: Cut And Fill Land	0-6 6-60	 	 		 0.90-1.30 1.00-1.60		0.02-0.06		1.0-5.0	1.17	.24	 5 		0
DbB: Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	 1.20-1.50 1.20-1.50 1.20-1.50 	6-20 6-20 6-20 	 0.08-0.12 0.06-0.12 0.05-0.10 	0.0-2.9	2.0-4.0	 .17 .17 .17	.24 .24 .24 .24	 2 	 	48
DbC2: Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	 1.20-1.50 1.20-1.50 1.20-1.50 	6-20 6-20 6-20	 0.08-0.12 0.06-0.12 0.05-0.10 	0.0-2.9	2.0-4.0	 .17 .17 .17 	 .24 .24 .24	 2 1 	 	 48
DbD2: Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	 1.20-1.50 1.20-1.50 1.20-1.50 	6-20 6-20 6-20 	 0.08-0.12 0.06-0.12 0.05-0.10 	0.0-2.9	2.0-4.0	 .17 .17 .17	.24 .24 .24 .24	 2 	 	 48
DcC: Calvin	0-8 8-27 27-34 34-38	 	 	15-30 15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6	 0.10-0.18 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	 	 .15 .20 .20 	 .24 .24 .28 	 3 	 	0

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clay		Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind	Wind erodi-
and soil name		 	 		bulk density	bility (Ksat)	water capacity	extensi-		Kw	 Kf		bility group	bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	1.20-1.50 1.20-1.50 1.20-1.50 	2-20 2-20 6-20 	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9	 	.17 .17 .17 	.24 .24 .24 	2 	 	0
Lehew	0-6 6-20 20-32 32-36	 	 	5-18	1.20-1.40 1.20-1.40 1.20-1.40 	2-20 2-20 2-20 	0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	 	.17 .17 .17 	.24 .24 .24 .24	2 	 	
DcD:		 	 	10 05		2.6			 	1 1 5				 0
Calvin	0-8 8-27 27-34 34-38	 	 	15-30	1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	0.10-0.18 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	 	.15 .20 .20 	.24 .24 .28 	3	 	U
Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	1.20-1.50 1.20-1.50 1.20-1.50 	2-20 2-20 6-20	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9	 	.17 .17 .17 	.24 .24 .24 .24	2 	 	 0
Lehew	 0-6 6-20 20-32 32-36	 	 	5-18	 1.20-1.40 1.20-1.40 1.20-1.40	2-20 2-20 2-20 	 0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	 	 .17 .17 .17	 .24 .24 .24 	 2 	 	
DgC:	 	 	 	 	 				 		 	 		
Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	1.20-1.50 1.20-1.50 1.20-1.50 	2-20 2-20 6-20 	0.08-0.12 0.06-0.12 0.05-0.10 	0.0-2.9	 	.17 .17 .17 	.24 .24 .24 	2 	 	0
Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2 0.6-2	0.08-0.14 0.12-0.16 0.08-0.12 	0.0-2.9	 	.24	.32 .28 .32 	 3 	 	 0
DgD: Dekalb	 0-8 8-29 29-34 34-38	 	 	7-18	 1.20-1.50 1.20-1.50 1.20-1.50	2-20 2-20 6-20	 0.08-0.12 0.06-0.12 0.05-0.10 	0.0-2.9	 	 .17 .17 .17 .17	 .24 .24 .24 .24	 2 	 	 0
Gilpin	 0-8 8-24 24-30 30-34	 	 	18-35 15-35	 1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2 0.6-2	0.08-0.14 0.12-0.16 0.08-0.12	0.0-2.9	 	.24 .24 .24 .24	.32 .28 .32 	 3 	 	 0

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clay	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac		Wind erodi-	erodi-
and soil name		 	 	i 	bulk density	bility (Ksat)	water capacity		matter	Kw	 Kf		bility group	bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
DlC: Dekalb	 0-8 8-29 29-34 34-38	 	 	7-18	 1.20-1.50 1.20-1.50 1.20-1.50	2-20	 0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9	 	 .17 .17 .17 	 .24 .24 .24 .24	 2 	 	0
Leetonia	0-7 7-20 20-45 45-49	 	 	3-15 3-15	 1.10-1.30 1.10-1.30 1.10-1.30	2-6	0.03-0.05 0.03-0.05 0.02-0.04 	0.0-2.9	 	1.17	.24	 3 	 	0
DlD: Dekalb	0-8 8-29 29-34 34-38	 	 	7-18	 1.20-1.50 1.20-1.50 1.20-1.50 	2-20	0.08-0.12 0.06-0.12 0.05-0.10	0.0-2.9	 	 .17 .17 .17	.24	2	 	0
Leetonia	0-7 7-20 20-45 45-49	 	 	3-15	 1.10-1.30 1.10-1.30 1.10-1.30	2-6	0.03-0.05 0.03-0.05 0.02-0.04 	0.0-2.9	i	.17 .17 .17	.24	 3 	 	0
Ek: Elkins	0-8 8-36 36-65	 	 	18-35	 1.20-1.50 1.30-1.60 1.30-1.60	0.06-0.2	 0.18-0.24 0.12-0.16 0.10-0.14	3.0-5.9	1.0-5.0	 .37 .37 .32	 .37 .37 .32	 5 	 	
ErA: Ernest	0-7 7-27 27-47 47-60	 	 	20-35 18-30	 1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.06-0.6	0.14-0.20 0.12-0.16 0.08-0.12 0.08-0.12	3.0-5.9	2.0-4.0	.43 .32 .32 .32	.32	4	 	
ErB: Ernest	0-7 1 7-27 1 27-47 1 47-60	 	 	20-35 18-30	 1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.06-0.6	 0.14-0.20 0.12-0.16 0.08-0.12 0.08-0.12	3.0-5.9	2.0-4.0	.43 .32 .32 .32		4	 	
Erc2: Ernest	0-7 7-27 27-47 47-60	 	 	20-35 18-30	 1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.06-0.6	 0.14-0.20 0.12-0.16 0.08-0.12 0.08-0.12	3.0-5.9	2.0-4.0	.43 .32 .32 .32	.43 .32 .37 .37	4	 	

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clav	 Moist	 Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind erodi-	Wind erodi-
and soil name		 	 		bulk density	bility (Ksat)	water capacity	extensi-	matter	Kw	 Kf		bility group	bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct		ļ ——	i		
ErD2: Ernest	0-7 7-27 27-47 47-60		 	20-35 18-30	 1.20-1.40 1.30-1.50 1.40-1.70 1.30-1.60	0.6-2 0.06-0.6	 0.14-0.20 0.12-0.16 0.08-0.12 0.08-0.12	3.0-5.9	2.0-4.0	.43 .32 .32 .32	.43 .32 .37 .37	4	 	
GnB2: Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50	0.6-2	 0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24 .24	 .32 .28 .32 	3 3	 	48
GnC2: Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2	 0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24 .24	 .32 .28 .32 	3 3	 	48
GnD2: Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2	 0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24 .24	 .32 .28 .32 	3	 	48
GnD3: Gilpin	0-8 8-24 24-30 30-34	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50 	0.6-2	 0.12-0.16 0.12-0.16 0.08-0.12	0.0-2.9	0.5-4.0	.24 .24 .24 .24	 .32 .28 .32 	2 1 2	 	48
LaB: Laidig	 0-5 5-36 36-72	 	 	18-35	 1.20-1.40 1.30-1.50 1.30-1.60	0.6-6	 0.08-0.12 0.08-0.12 0.06-0.10	0.0-2.9	 	 .24 .24 .17	 .32 .28 .20	 4 	 	
LaD: Laidig	 0-5 5-36 36-72	 	 	18-35	 1.20-1.40 1.30-1.50 1.30-1.60	0.6-6	 0.08-0.12 0.08-0.12 0.06-0.10	0.0-2.9	 	.24 .24 .17	 .32 .28 .20	 4 	 	
Lc: Lickdale	0-10 10-32 32-46 46-50	 	 	i	 1.30-1.45 1.30-1.45 1.30-1.45	0.06-0.2	 0.18-0.22 0.10-0.16 0.05-0.12	3.0-5.9	 	.43 .37 .37	.37	 4 	 	48

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	 Depth	 Sand	 Silt	 Clay	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors		Wind erodi-
and soil name		 	 	 	bulk density	bility (Ksat)	water capacity	extensi- bility	matter 	 Kw	 Kf	 T 	bility group	bility index
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct					
Ls: Lickdale	0-10 10-32 32-46 46-50	 	 	18-35	 1.20-1.40 1.20-1.50 1.20-1.50	0.06-0.2	 0.18-0.22 0.12-0.18 0.08-0.15	3.0-5.9	 	.32 .43 .43 	 .37 .43 .49 	 3 	 	 56
McB: Meckesville	0-7 7-31 31-70 70-96	 	 	18-35 18-35	 1.10-1.30 1.20-1.40 1.30-1.60 1.20-1.40	0.6-2 0.2-0.6	 0.14-0.18 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9	1.0-4.0	.32 .24 .24 .24	.28 .28	 4 	 	 56
McC2: Meckesville	0-7 7-31 31-70 70-96	 	 	18-35 18-35	 1.10-1.30 1.20-1.40 1.30-1.60 1.20-1.40	0.6-2 0.2-0.6	 0.14-0.18 0.12-0.16 0.08-0.12 0.08-0.12	0.0-2.9	1.0-4.0	.32 .24 .24 .24	 .32 .28 .28 .32	 4 	 	 56
MdB: Meckesville	0-7 7-31 31-70 70-96	 	 	18-35 18-35	 1.10-1.30 1.20-1.40 1.30-1.60 1.20-1.40	0.6-2 0.2-0.6	 0.12-0.16 0.10-0.14 0.08-0.12 0.08-0.12	0.0-2.9	1.0-4.0	.24 .24 .24 .24	.32 .28 .28 .32	 4 	 	0
MdD: Mechesville	0-7 7-31 31-70 70-96	 	 	18-35 18-35	1.10-1.30 1.20-1.40 1.30-1.60 1.20-1.40	0.6-2 0.2-0.6	 0.12-0.16 0.10-0.14 0.08-0.12 0.08-0.12	0.0-2.9	1.0-4.0	.24 .24 .24 .24	 .32 .28 .28 .32	 4 	 	 0
NoB: Nolo	0-8 8-18 18-46 46-50	 	 	18-35	 1.20-1.40 1.30-1.40 1.30-1.60 	0.6-2	 0.16-0.20 0.12-0.16 0.06-0.10	0.0-2.9	1.0-3.0	.32 .32 .17 	 .32 .32 .20 	 3 1 	 	 56
Pe: Peat	0-60	 	 	 	 0.10-0.25	0.2-6	0.30-0.45	 	 	.02	 	 2		38
Ph: Philo	0-6 6-42 42-60	 	 	10-18	 1.20-1.40 1.20-1.40 1.20-1.40	0.6-2	0.14-0.20 0.10-0.20 0.06-0.10	0.0-2.9		.37 .32 .24	 .37 .32 .28	 3 	 	

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	Depth	 Sand	 Silt	 Clav	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors	Wind erodi-	Wind erodi-
and soil name	-1	 	 	 	bulk density	bility (Ksat)	water capacity	extensi- bility	matter	Kw			bility group	bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct			i —		
Ps: Pope	0-8 8-42 42-85	 	 	5-18	 1.20-1.40 1.30-1.60 1.30-1.60	0.6-2 0.6-6 0.6-6	0.14-0.23 0.10-0.18 0.10-0.18	0.0-2.9	1.0-4.0	 .37 .28 .28	 .37 .28 .20	5	 	 56
PuC2: Purdy	0-9 9-42 42-60	 	 	35-50	 1.30-1.50 1.30-1.60 1.30-1.60		0.18-0.24 0.12-0.18 0.10-0.16	3.0-5.9	2.0-4.0	 .43 .32 .32	 .43 .32 .32	5	 	
St: Strip Mines And Dump	0-6 6-60	 	 		 0.90-1.30 1.00-1.60		0.02-0.06		1.0-5.0	1.17	1 .24	5		0
SW: Swamp	0-6 6-42 42-60	 	 	5-20	 1.00-1.40 1.00-1.45 1.20-1.40		0.12-0.17 0.06-0.12 0.08-0.14	0.0-2.9	1.0-4.0	 .37 .37 .32	 .37 .43 .32	5	 	 48
UcB: Ungers	0-8 8-40 40-54 54-58	 	 	17-27	 1.20-1.40 1.30-1.50 1.30-1.50	0.6-2 0.6-2 0.6-2	0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9	1.0-2.0	 .24 .17 .17	.32 .20 .24 	4	 	 48
Calvin	0-8 8-27 27-34 34-38	 	 	15-30 15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6	 0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	0.5-2.0 	.20 .20 .20 .20	.24 .24 .28 	į I	 	 48
Lehew	0-6 6-20 20-32 32-36	 	 	j 5-18	 1.20-1.40 1.20-1.40 1.20-1.40	2-20 2-20 2-20	 0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	1.0-4.0	.17 .17 .17 .17	.24 .24 .24 .24	İ	 	
UnB: Gilpin	0-8 8-27 27-34 34-38	 	 	15-30	 1.20-1.40 1.40-1.60 1.40-1.60	2-6 2-6 2-6 	 0.10-0.16 0.08-0.16 0.06-0.10 0.00-0.00	0.0-2.9	0.5-2.0	 .20 .20 .20	 .24 .24 .28 	 3 1	 	 48
Ungers	0-8 8-40 40-54 54-58	 	 	17-27	 1.20-1.40 1.30-1.50 1.30-1.50	0.6-2 0.6-2 0.6-2	 0.10-0.16 0.10-0.14 0.06-0.12	0.0-2.9	1.0-2.0	.24 .17 .17	.20	İ İ		 48

Table J1b.--Physical Properties of the Soils--Continued

Map symbol	Depth	 Sand	 Silt	 Clav	 Moist	Permea-	 Available	 Linear	 Organic	Erosi	on fac	tors		Wind erodi-
and soil name	Верен			Clay 	bulk density	bility (Ksat)	water capacity	extensi- bility	matter	Kw	 Kf	l I T		bility
	In	Pct	Pct	Pct	g/cc	In/hr	In/in	Pct	Pct				ļ —	
Calvin	0-6 6-20 20-32 32-36	 	 	5-18	1.20-1.40 1.20-1.40 1.20-1.40	2-20	0.08-0.12 0.06-0.10 0.06-0.10	0.0-2.9	1.0-4.0	.17 .17 .17 	.24 .24 .24 .24	 3 	 	
VsD: Very Stony Land	0-6 6-27 27-60	 	 	18-30	 1.20-1.40 1.30-1.60 1.40-1.70	0.6-2	 0.11-0.16 0.10-0.16 0.06-0.10	0.0-2.9	 	 .24 .24 .17	 .32 .28 .24	 3 	 	 0 1
VsF: Very Stony Land	0-5 5-36 36-72	 	 	18-35	 1.20-1.40 1.30-1.50 1.30-1.60	0.6-6	 0.08-0.12 0.08-0.12 0.06-0.10	0.0-2.9	 	 .24 .24 .17	 .32 .28 .20	 4 	 	
WhB2: Wharton	0-9 9-46 46-69 69-73	 	 	15-35	 1.10-1.30 1.20-1.50 1.20-1.60	0.06-0.6	 0.16-0.20 0.12-0.16 0.08-0.12 	3.0-5.9	1.0-4.0	 .37 .24 .17 	 .37 .28 .24 	 4 	 	 56
WhC2: Wharton	0-9 9-46 46-69 69-73	 	 	15-35	 1.10-1.30 1.20-1.50 1.20-1.60 	0.06-0.6	 0.16-0.20 0.12-0.16 0.08-0.12 	3.0-5.9	1.0-4.0	.37 .24 .17	 .37 .28 .24 	 4 	 	 56